(1) UBIGER

(1) UBIGENE **STR Authentication Report For Cell Line**

Tel: +86 153 6067 3248(Int'l) US Toll free: 855 777 3210 EU Toll free: 800 3272 9252

Korea Toll free: 001 800 3272 9252

Email: info@ubigene.com Web: www.ubigene.us

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1. Cell Name: A-498

- 2. Test Method: DNA was extracted using the genome extraction kit (Axygen), amplified using a 21- STR amplification protocol, the STR loci and gender gene Amelogenin were detected on the ABI 3730XL Genetic Analyzer. JUBIGEN
- 3. Sample gene genotype analysis result:

	Genotype	analysis resu	ults of STR and	Amelogenin l	oci in cells	
STR Loci	STR profile for Sample cell Cell name: STR24091210			STR profile for Cell Bank cell		
				Cell name: A-498		
	Allele1	Allele2	Allele3	Allele1	Allele2	Allele3
D5S818	11	13	NBIC	11	13	
D13S317	12	12		12	12	
D7S820	10	11		10	11	- IBIGE
D16S539	12	12		12	12	
VWA	18	18		18	18	
TH01	6	9.3		6	9.3	
AMEL	Х	Х		Х	Х	
TPOX	8	11		8	11	
CSF1PO	11	12	ANBIG	11	12	
D12S391	21	21				a E
FGA	18	20				* I IBIOL
D2S1338	26	26			(2)	
D21S11	28	32				
D18S51	17	17				
D8S1179	13	15				

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D3S1358	15	15			
D6S1043	11	11			
PENTAE	10	14	. C	ENE	
D19S433	12	12	UBIC		
PENTAD	9	14			727
D1S1656	14	17.3			* IBIO

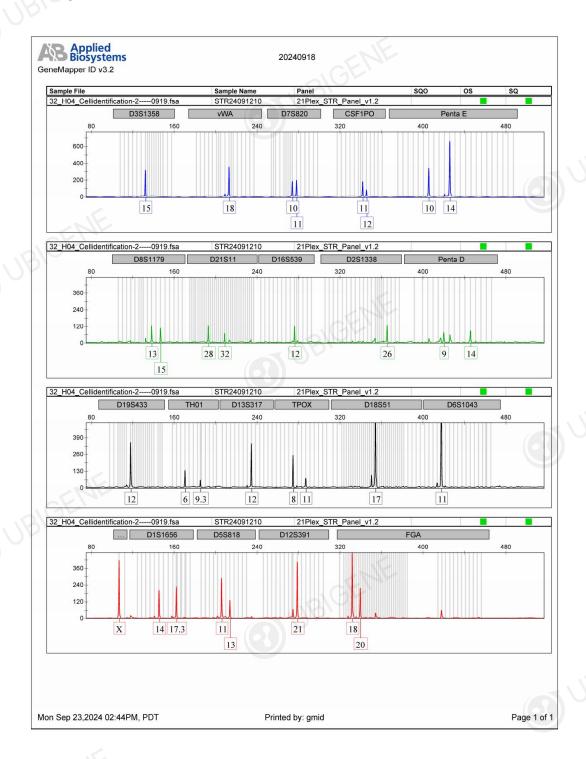
4. Conclusion: The STR results of <u>A-498</u> cells are consistent with the genotypes of <u>A-498</u> cell lines in <u>DSMZ</u> database, the cell ID corresponded to <u>ACC-CRL-7908</u>, and the STR results <u>completely matched</u>. In the test, <u>No multi allele was found</u> in this cell line.

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5. Attached Image



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